BILLINGS COUNTY

Planning Unit 035: AML Printout #358: T140N, R100W, Section 10, NW

Additional Legal Location: Section 10, no part section; Lat. 46-58N,

Lon. 103-14W

Name: Owner:

Talkington Mine H. Talkington (ca. 1978)

Category: Uraniferous Lignite Production

Type: Surface (strip)

Thickness

Overburden: Coal Seam: Mined: Source:

No data No data Not applicable

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine was operated for the purpose of extracting uraniferous lignite. The mine apparently was operated from 1960 to 1965, and in 1978 the area of the mine (pit and spoils, etc.) was over 30 ac. in size. The pit area of lignite extraction) was 10-15 ft. deep, and the overburden and lignite were removed by dozers and scrapers. Uranium or uraniferous lignite obtained from this mine was sold to the Atomic Energy Commission, under contract with the Atomic Energy Commission. Although actual production figures are not known for this mine, "Between 1955 and 1967, approximately 590,000 pounds of uranium oxide was recovered from 85,000 tons of lignite mined from the Fort Union Formation in Southwestern North Dakota. The lignite ...was strip mined from approximately 20 pits located at 7 different sites and burned in pit bottoms or at nearby ashing kilns to concentrate the uranium in its ash" (Houghton and Anderson n.d.). It appears that lignite was mined at this mine and shipped for processing, rather than use of the process of burning the lignite in the mine, and shipping the uraniferous ash.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Evans et al.:1978(138)

Notes:

In 1978, the spoils at this site were primarily sand and sandy loam, situated in one, relatively flat-topped mound. Pit contained shales and lignite on its floor, and the pit had small areas with standing water.

Talkington Mine (continued)

Sources (primary and secondary):

Evans et al.:1978(138) Houghton and Anderson:n.d.(np)